



**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1102884

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Middleton-Salm 1-8
Doc ID	1102884

All Electric Logs Run

Micro
Sonic
Dual Induction
Compensated Density/Neutron

Form	ACO1 - Well Completion
Operator	Downing-Nelson Oil Co Inc
Well Name	Middleton-Salm 1-8
Doc ID	1102884

Tops

Name	Top	Datum
Top Anhydrite	1197'	+886
Base Anhydrite	1230'	+803
Heebner	3380'	-1297
Toronto	3398'	-1315
LKC	3434'	-1351
BKC	3680'	-1577
Reagen Sand	3782'	-1699
Granit Wash	3804'	-1721



## DRILL STEM TEST REPORT

Prepared For: **Downing Nelson Oil Company**

PO Box 1019  
Hays, KS 67601

ATTN: Al Downing

### **Middleton-Salm #1-8**

### **8-18s-17w Rush,KS**

Start Date: 2012.11.06 @ 05:37:28

End Date: 2012.11.06 @ 12:47:28

Job Ticket #: 48725                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2012.11.13 @ 16:10:28



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Downing Nelson Oil Company

**8-18s-17w Rush, KS**

PO Box 1019  
Hays, KS 67601

**Middleton-Salm #1-8**

ATTN: Al Downing

Job Ticket: 48725

**DST#: 1**

Test Start: 2012.11.06 @ 05:37:28

## GENERAL INFORMATION:

Formation: **Reagan Sand**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 08:50:28

Time Test Ended: 12:47:28

Test Type: Conventional Straddle (Initial)

Tester: Jason McLemore

Unit No: 54

**Interval: 3760.00 ft (KB) To 3790.00 ft (KB) (TVD)**

Reference Elevations: 2088.00 ft (KB)

Total Depth: 3852.00 ft (KB) (TVD)

2078.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8366**

**Inside**

Press @ Run Depth: 331.98 psig @ 3776.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.06

End Date:

2012.11.06

Last Calib.:

2012.11.06

Start Time: 05:37:30

End Time:

12:47:28

Time On Btm:

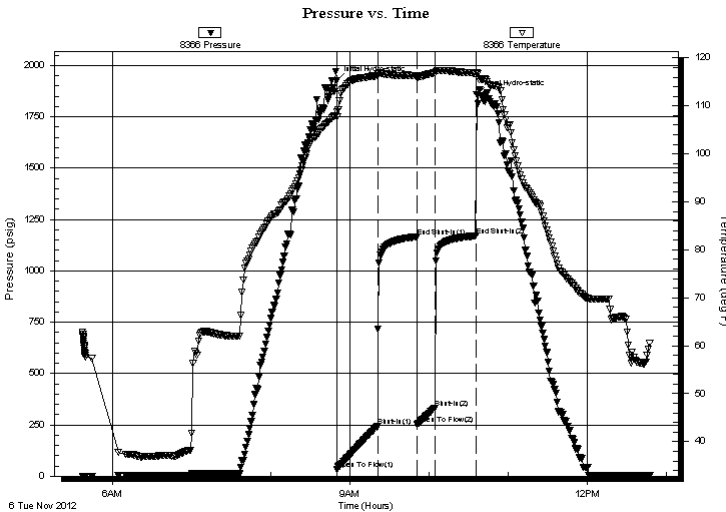
2012.11.06 @ 08:50:13

Time Off Btm:

2012.11.06 @ 10:36:13

**TEST COMMENT:** IFP-Good Blow, BOB in 7 Min.  
ISI-Dead  
FFP-Good Blow, BOB in 9 Min.  
FSI-Dead

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1926.45	108.76	Initial Hydro-static
1	32.94	107.72	Open To Flow (1)
31	242.57	116.29	Shut-In(1)
61	1166.34	116.23	End Shut-In(1)
61	251.09	115.80	Open To Flow (2)
74	331.98	116.87	Shut-In(2)
106	1170.02	116.77	End Shut-In(2)
106	1857.06	116.93	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
660.00	Muddy Water-95%W-5%M	8.98
0.00	Oil Scum on very top of fluid	0.00

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Dow ning Nelson Oil Company

**8-18s-17w Rush,KS**

PO Box 1019  
Hays, KS 67601

**Middleton-Salm #1-8**

Job Ticket: 48725

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Reference Elevations: 2088.00 ft (KB)

Total Depth: 3852.00 ft (KB) (TVD)

2078.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 8289 Below (Straddle)**

Press @ Run Depth: psig @ 3811.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.06

End Date:

2012.11.06

Last Calib.:

2012.11.06

Start Time: 05:33:57

End Time:

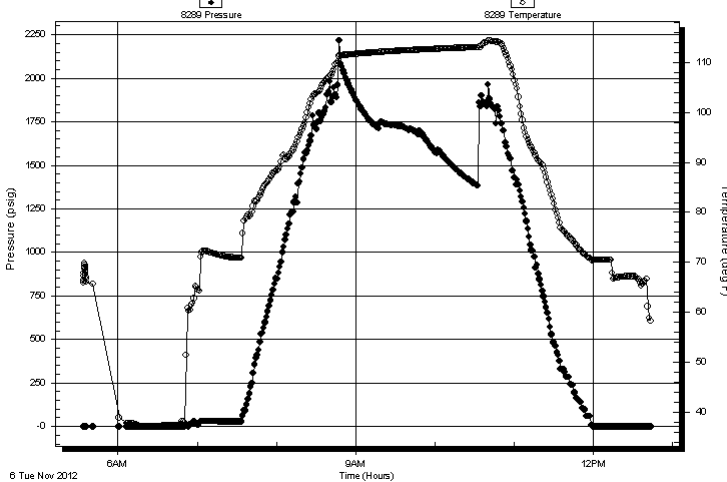
12:44:25

Time On Btm:

Time Off Btm:

**TEST COMMENT:** IFP-Good Blow , BOB in 7 Min.  
ISI-Dead  
FFP-Good Blow , BOB in 9 Min.  
FSI-Dead

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
660.00	Muddy Water-95%W-5%M	8.98
0.00	Oil Scum on very top of fluid	0.00

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Dow ning Nelson Oil Company

**8-18s-17w Rush,KS**

PO Box 1019  
Hays, KS 67601

**Middleton-Salm #1-8**

Job Ticket: 48725

**DST#: 1**

ATTN: Al Dow ning

Test Start: 2012.11.06 @ 05:37:28

## Tool Information

Drill Pipe:	Length: 3729.00 ft	Diameter: 3.80 inches	Volume: 52.31 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 2.70 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 60000.00 lb
			<u>Total Volume: 52.46 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3760.00 ft			Final 53000.00 lb
Depth to Bottom Packer:	3790.00 ft			
Interval betw een Packers:	30.00 ft			
Tool Length:	112.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

## Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3740.00	
Shut In Tool	5.00			3745.00	
Hydraulic tool	5.00			3750.00	
Packer	5.00			3755.00	21.00 Bottom Of Top Packer
Packer	5.00			3760.00	
Stubb	1.00			3761.00	
Perforations	15.00			3776.00	
Recorder	0.00	8366	Inside	3776.00	
Recorder	0.00	8789	Outside	3776.00	
Perforations	10.00			3786.00	
Blank Off Sub	1.00			3787.00	
Blank Spacing	3.00			3790.00	30.00 Tool Interval
Packer	1.00			3791.00	
Perforations	19.00			3810.00	
Change Over Sub	1.00			3811.00	
Recorder	0.00	8289	Below	3811.00	
Blank Spacing	32.00			3843.00	
Change Over Sub	1.00			3844.00	
Perforations	4.00			3848.00	
Bullnose	3.00			3851.00	61.00 Bottom Packers & Anchor

**Total Tool Length: 112.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Downing Nelson Oil Company

**8-18s-17w Rush,KS**

PO Box 1019  
Hays, KS 67601

**Middleton-Salm #1-8**

Job Ticket: 48725

**DST#: 1**

ATTN: Al Downing

Test Start: 2012.11.06 @ 05:37:28

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

19500 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
660.00	Muddy Water-95%W-5%M	8.985
0.00	Oil Scum on very top of fluid	0.000

Total Length: 660.00 ft

Total Volume: 8.985 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

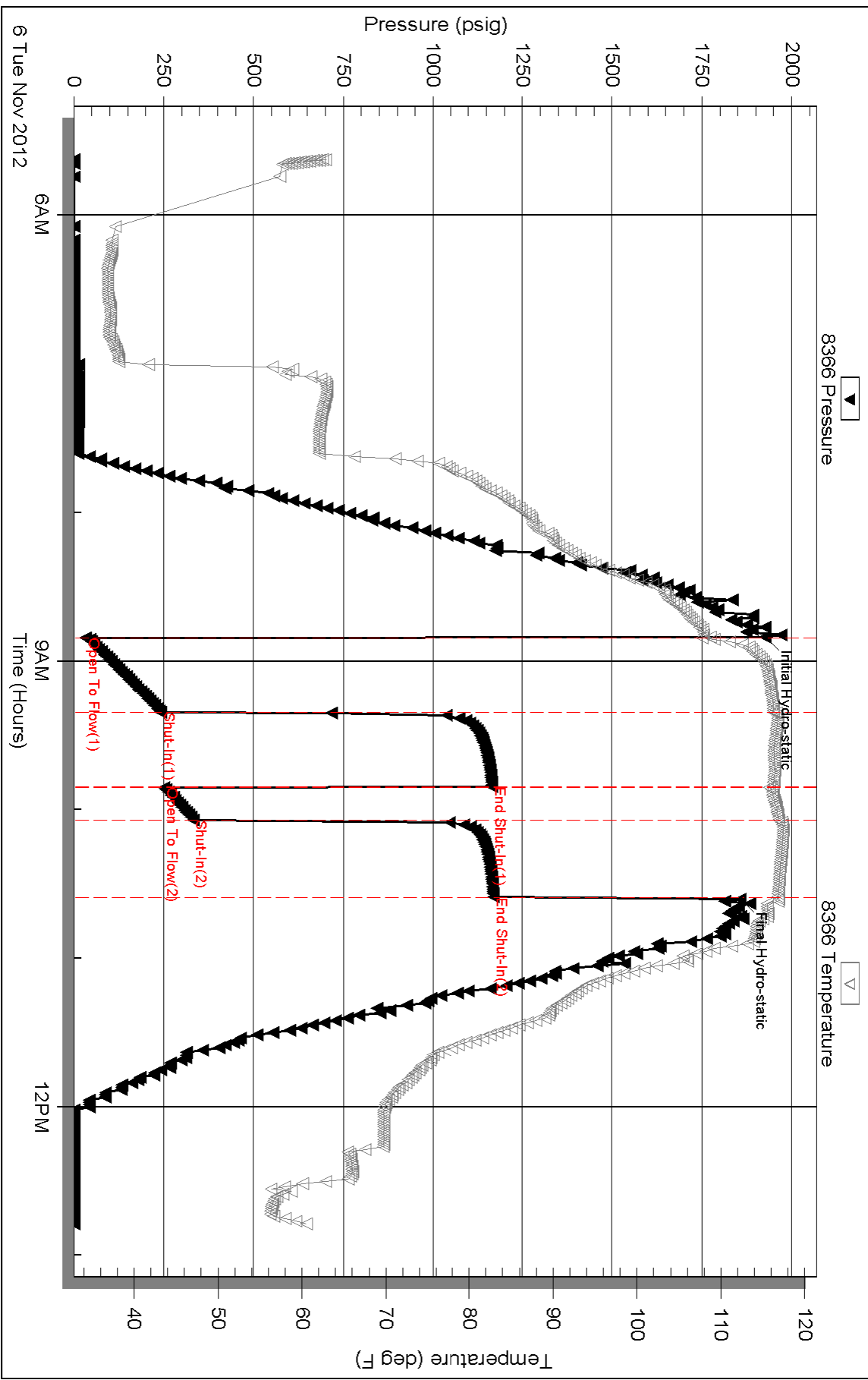
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

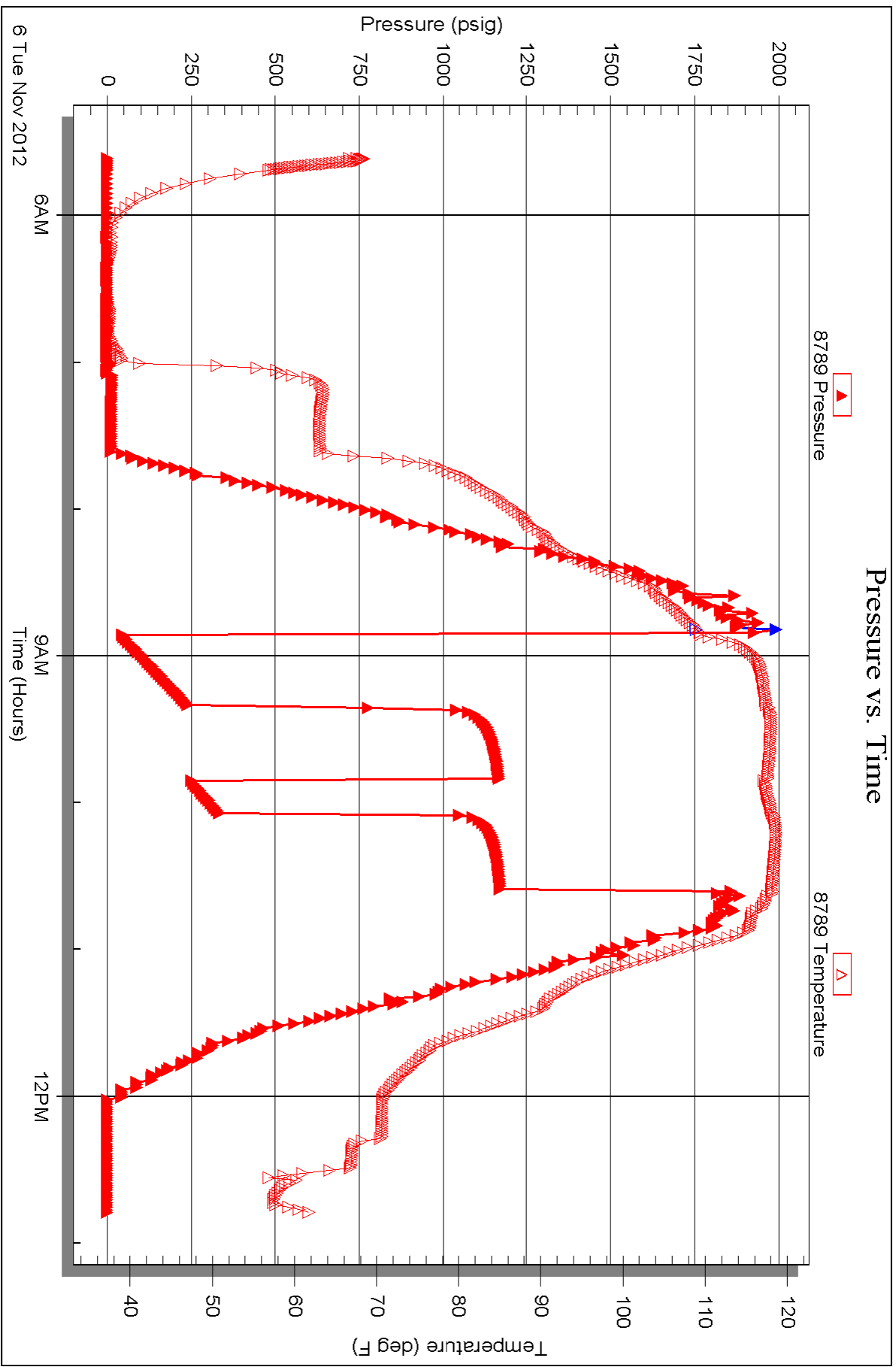


Serial #: 8789

Outside Downing Nelson Oil Company

Middleton-Salm #1-8

DST Test Number: 1



Triobite Testing, Inc

Ref. No: 48725

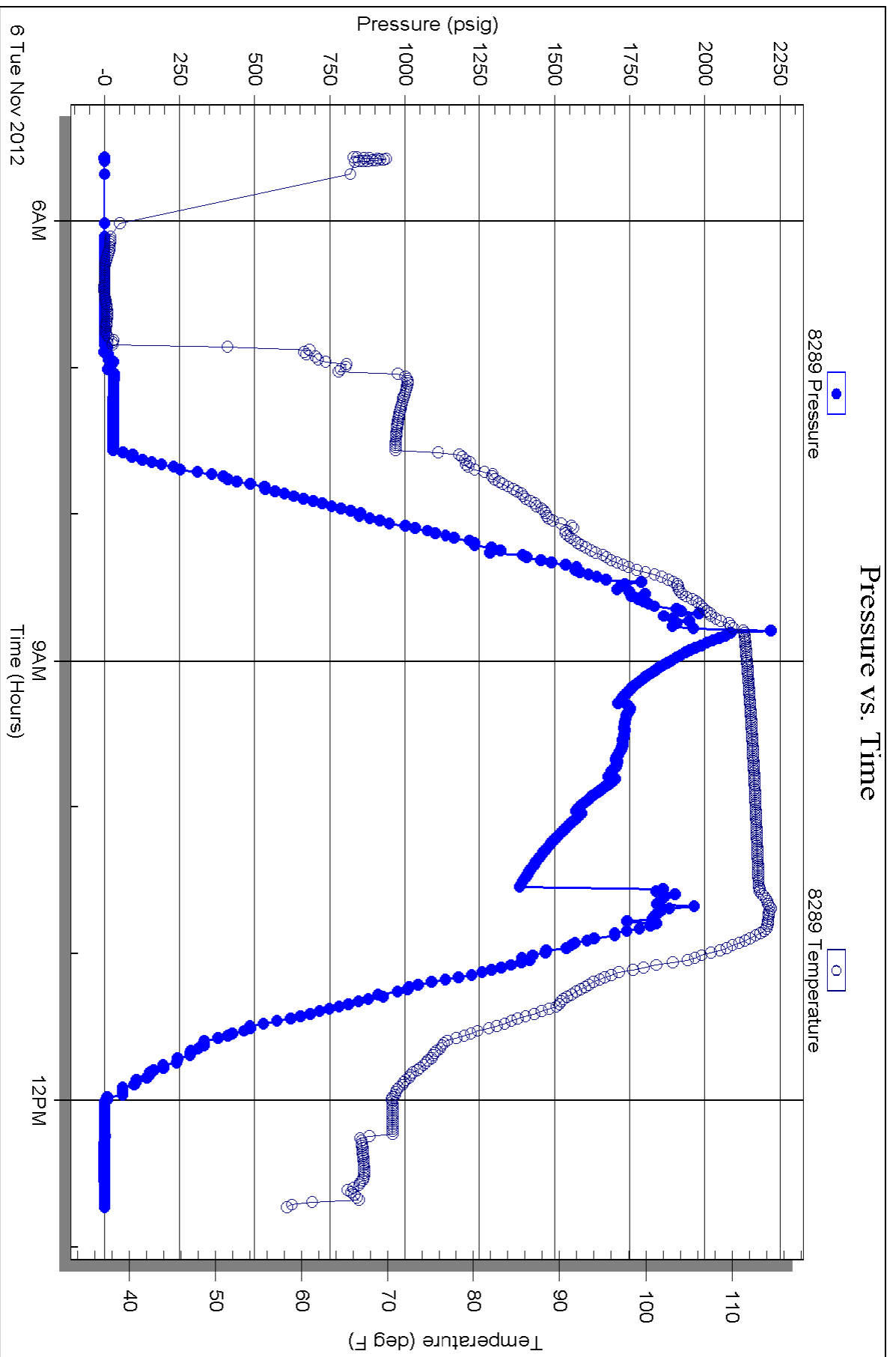
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Serial #: 8289

Below (Stratton) Nelson Oil Company

Middleton-Salm #1-8

DST Test Number: 1





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 48725

4/10

Well Name & No. Middleton - Salm #1-8 Test No. 1 Date 11-6-12  
 Company Downing Nelson Oil Company Elevation 2088 KB 2078 GL  
 Address PO Box 1019, Hays, KS, 67601  
 Co. Rep / Geo. Al Downing Rig Discovery #4  
 Location: Sec. 8 Twp. 18s Rge. 17w Co. Rush State KS

Interval Tested 3760-3790 Zone Tested Reagan Sand  
 Anchor Length 30 Drill Pipe Run 3729 Mud Wt. 9.4  
 Top Packer Depth 3755 Drill Collars Run 30 Vis 55  
 Bottom Packer Depth 3760 straddle @ 3790 Wt. Pipe Run 0 WL 9.6  
 Total Depth 3852 Chlorides 4,000 ppm System LCM 2\*  
 Blow Description IFP - Good Blow, BOB in 7 min.  
ISI - Dead  
FFP - Good Blow, BOB in 9 min.  
FSI - Dead

Rec	Feet of	%gas	%oil	%water	%mud
<u>660</u>	<u>Muddy Water (w/oil seam)</u>		<u>95</u>	<u>5</u>	
	<u>on top</u>				

Rec Total 660 BHT \_\_\_\_\_ Gravity \_\_\_\_\_ API RW 333 @ 71 °F Chlorides 19,500 ppm

(A) Initial Hydrostatic 1926  Test 1150 T-On Location 5:14  
 (B) First Initial Flow 33  Jars \_\_\_\_\_ T-Started 5:33  
 (C) First Final Flow 243  Safety Joint \_\_\_\_\_ T-Open 8:49  
 (D) Initial Shut-In 1166  Circ Sub \_\_\_\_\_ T-Pulled 10:34  
 (E) Second Initial Flow 251  Hourly Standby \_\_\_\_\_ T-Out 12:43  
 (F) Second Final Flow 332  Mileage 74rt 114.70 Comments \_\_\_\_\_  
 (G) Final Shut-In 1170  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1857  Straddle 600  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 0  
 Day Standby \_\_\_\_\_ Total 1864.70  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1864.70

Approved By \_\_\_\_\_ Our Representative Jason McDemmon *Thank you*  
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

# Marc Downing

Consulting Petroleum Geologist

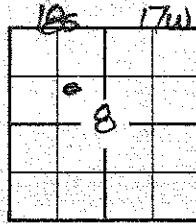
1411 Washington Circle

Hays, Ks 67601

Phone: 620-428-1356 (cell) 785-621-2286

## GEOLOGIC REPORT LOG

COMPANY Downing-Nelson Oil Co., Inc  
 WELL Middleton-Salm # 1-8  
 FIELD Wildcat  
 LOCATION 1570' FAL - 1540' FUL  
 SEC. 8 TWP. 18S RGE. 17W  
 COUNTY Rush  
 STATE Kansas



PRODUCTION Dry  
 ELEVATION KB 2083  
 DF  
 GL 2075  
 Drilling Measured From: 2083 KB  
 Samples Saved From 3300 To: TD  
 Drilling Time From 2850 To: TD  
 Samples Examined From: 3300 To: TD  
 Geological Supervision From 2850 To Total Depth  
 Wellsite Geologist Alan Downing  
 Electrical Surveys Nabors  
CDNL/GR - Dual Induction  
Sonic - Micro Log

OPERATOR DNOCI  
 CONTRACTOR DISCOVER Drg Dtg #4  
 COMM: \_\_\_\_\_ COMP: \_\_\_\_\_  
 CASING RECORD  
 SURF: 10-31-12 PROD: 11-03-12  
 TOTAL DEPTH DRILLERS: 3849  
 TOTAL DEPTH LOG: 3852

### FORMATION TOPS AND STRUCTURAL POSITION

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	SUB-SEA DATUM	STRUCTURAL POSITION
<u>Anhydrite</u>	<u>1192</u>	<u>1197</u>	<u>+886</u>	
<u>BASE</u>	<u>1227</u>	<u>1230</u>	<u>+883</u>	
<u>Heebner</u>	<u>3578</u>	<u>3380</u>	<u>-1297</u>	
<u>Toronto</u>	<u>3398</u>	<u>3398</u>	<u>-1315</u>	
<u>Lansing</u>	<u>3432</u>	<u>3434</u>	<u>-1351</u>	
<u>BYC</u>	<u>3684</u>	<u>3680</u>	<u>-1577</u>	
<u>Reagan sd</u>	<u>3778</u>	<u>3782</u>	<u>-1699</u>	
<u>Brant Wash</u>	<u>3802</u>	<u>3804</u>	<u>-1721</u>	

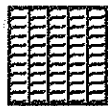
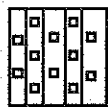


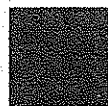
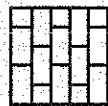
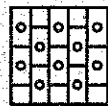

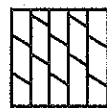
REFERENCE WELL FOR STRUCTURE \_\_\_\_\_

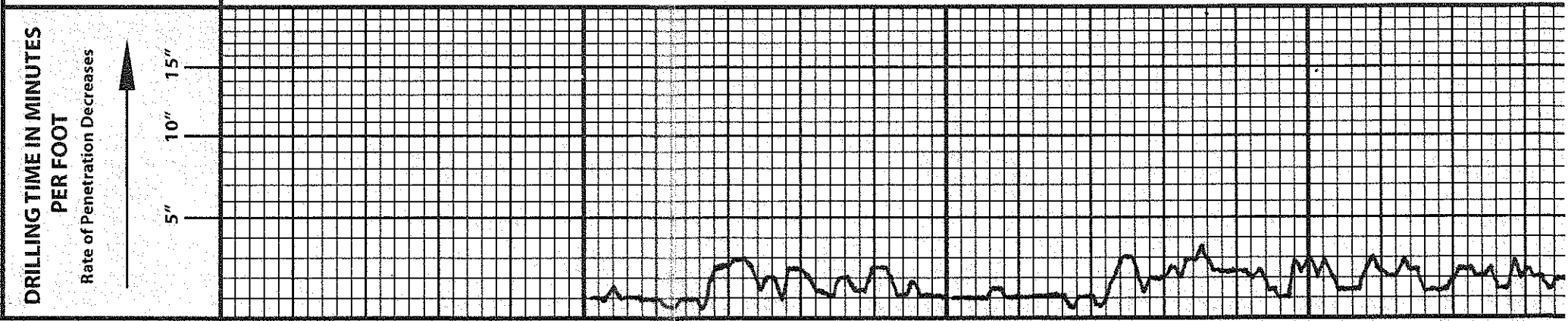
### DRILL STEM TESTS

No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IHP-FHP	RECOVERY

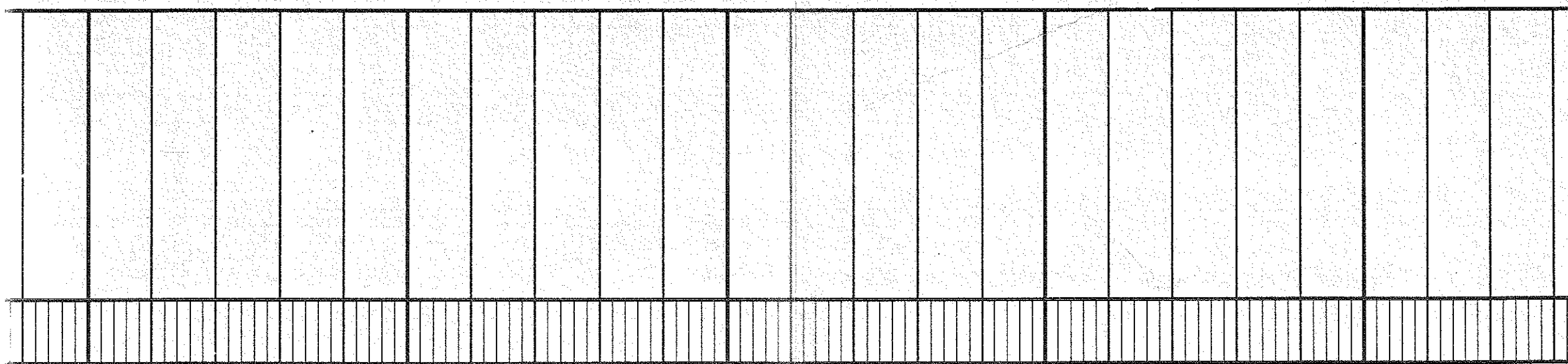
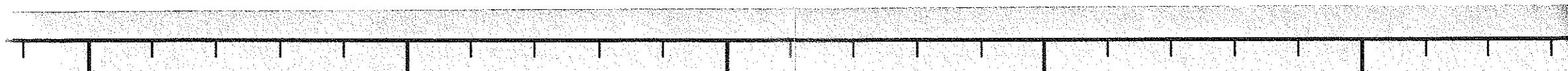
REMARKS AND RECOMMENDATIONS \_\_\_\_\_

# LEGEND

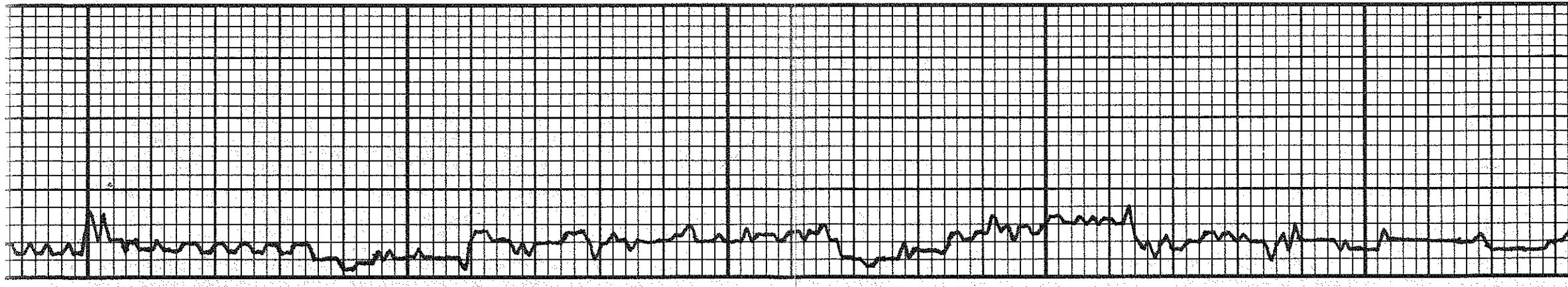
-  Anhydrite
-  Salt
-  Sandstone
-  Shale
-  Carb sh
-  Limestone
-  Ool. Lime
-  Chert
-  Dolomite

DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases ↑	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
<div style="display: flex; align-items: center;"> <div style="margin-right: 5px;">5"</div> <div style="margin-right: 5px;">10"</div> <div style="margin-right: 5px;">15"</div> </div> 	<p style="font-size: 2em;">2900</p> <p style="font-size: 2em;">50</p>				





3000                      500                      3/60                      50                      3200



50

3300

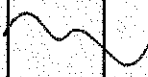
50

3400

50

LS: Tan Lt. Br. Cn

W V good ooc



LS: Tan Br f. V fm

V DSE w little intermed

No show ooc

SN: Black - can

LS: Wht f. m - V fm V DSE

SN: gmt - Brown

LS: Wht f. subm f. ooc f. ooc

f. ooc all NS

SN: gmt - Brown - green

LS: Cn f. subm m. gd intermed

No show

LS: Wht - f. V fm o. V DSE

SN: Brown

LS: Wht f. subm m. gd intermed

ooc f. - totally barren + W

breeding total ooc - DSE

SN: gmt

LS: Wht Lt Tan sooth ooc

HEBNER

25787-12015

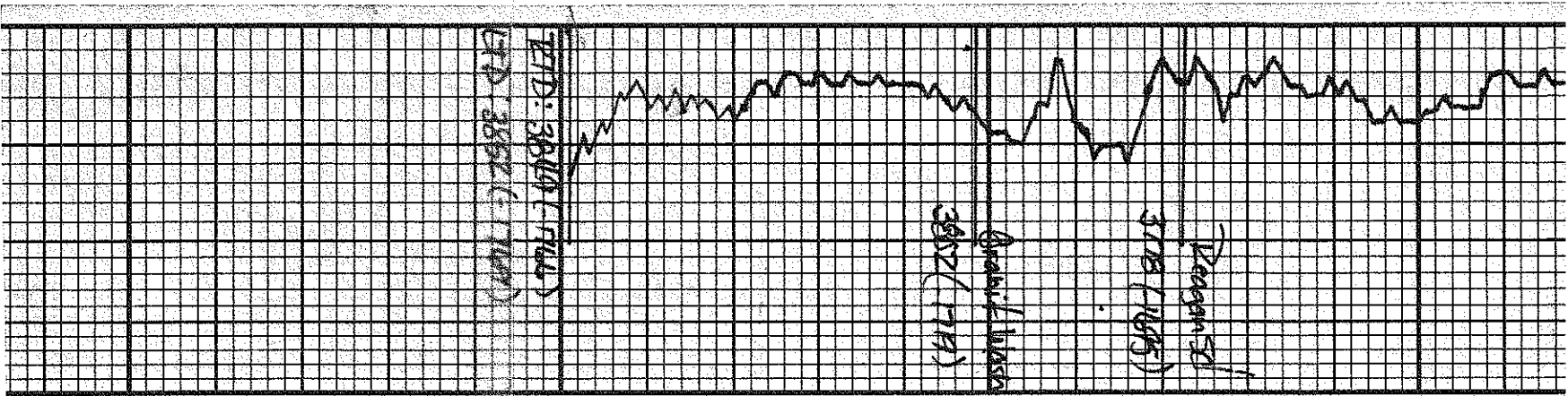
Teramoto

25987-12015

LANSING

30437 (-12015)





50

3808

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1	Sh. Dol
2	ls: amt Mn, M. G. and Tan
3	Zool amt of all MS. south
4	see K 25 Lenses throughout.
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ls: amt Mn, M. G. and Tan  
Zool amt of all MS. south  
see K 25 Lenses throughout.

ss: dr ms with red clastic  
w/ lite str in v. good matrix  
No calc. - becoming massive  
w/ depth - no show -  
lots fine sd qms.

pyritic mmps in lds  
falspar & Pdtite  
Dunghill v. weathered

Ma. Brown

# OIL & GAS SERVICES, LLC 053592

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT: Great Bend, KS

DATE <u>1/11/12</u>	SEC. <u>46</u>	TWP. <u>18</u>	RANGE <u>17</u>	CALLED OUT	ON LOCATION	JOB START <u>11:00 AM</u>	JOB FINISH <u>12:00</u>
LEASE <u>Walden</u>	WELL # <u>1-8</u>	LOCATION <u>Byron 2w 245</u>		COUNTY <u>Wichita</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>				<u>Frings</u>		<u>1.01</u>	

CONTRACTOR D. J. Dwyer #4 OWNER \_\_\_\_\_

TYPE OF JOB Surge

HOLE SIZE 12 1/8" T.D. CEMENT AMOUNT ORDERED 450 gals class A

CASING SIZE 6 5/8" DEPTH 1208 AMOUNT ORDERED 240 gal

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE 4 1/2" DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 17.70 gals

PERFS. \_\_\_\_\_

DISPLACEMENT 75.52

EQUIPMENT

PUMP TRUCK CEMENTER Dwyer, L. H. #3

# 366 HELPER Kevin Eddy

BULK TRUCK

# 344-170 DRIVER Kevin Weigand

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

COMMON 450 @ 17.90 \$8,055.00

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL 9 @ 23.40 210.60

CHLORIDE 10 @ 64.00 640.00

ASC \_\_\_\_\_ @ \_\_\_\_\_

HANDLING 487.50 @ 248 1209.00

MILEAGE 22.23 X 32 X 2.60 1849.53

TOTAL 12,348.13

**REMARKS:**

Break circulation with 100 gal  
pump trucks fresh water ahead  
mix 450 gals class A 31.20 gal  
4.40 gal down release plus  
17.90 gal 75.52 gal fresh water  
plus 700 gal  
plugging 11.45  
Cement did circulation

**SERVICE**

DEPTH OF JOB 1208

PUMP TRUCK CHARGE 2213.75

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE HVM 32 @ 7.70 246.40

MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_

LVM 32 @ 4.40 140.80

TOTAL 2,600.95

**PLUG & FLOAT EQUIPMENT**

8 1/2"

1 Rubber Plug @ 131.04 131.04

1 Pref. Flo. Plug @ 131.04 131.04

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL 262.08

SALES TAX (If Any) 601.75

TOTAL CHARGES 15,211.16

DISCOUNT 2490 3,650.67 IF PAID IN 30 DAYS

\$11,560.49

CHARGE TO: Dwyer, Nelson

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X

SIGNATURE Mike Dwyer

Thank you!

# ALLIED OIL & GAS SERVICES, LLC

059075

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Neel Bend K

DATE <u>1-16-12</u>	SEC. <u>8</u>	TWP. <u>19</u>	RANGE <u>17</u>	CALLED OUT	ON LOCATION <u>4:30 PM</u>	JOB START <u>7:00 PM</u>	JOB FINISH <u>8:00 PM</u>
LEASE <u>Middleton</u>	WELL # <u>1-8</u>	LOCATION <u>Puron - 2nd, 24 south</u>		COUNTY <u>Rock</u>	STATE <u>Ka</u>		
OLD OR NEW (Circle one) <u>NEW</u>				<u>Both into</u>			

CONTRACTOR Dawson #4  
 TYPE OF JOB Plug  
 HOLE SIZE 7 7/8 TD 3349'  
 CASING SIZE DEPTH  
 TUBING SIZE DEPTH  
 DRILL PIPE 4 1/2 DEPTH 3760  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG.  
 PERES.  
 DISPLACEMENT

OWNER Same  
 CEMENT AMOUNT ORDERED 220 lb 6 3/4 1/2 x 2el  
 COMMON 132 @ 17.90 2362.80  
 POZMIX 88 @ 9.35 822.80  
 GEL 8 @ 23.40 187.20  
 CHLORIDE @  
 ASC @  
 HANDLING 233.33 @ 2.48 578.65  
 MILEAGE 9.86 x 32 x 2.60 820.32  
 TOTAL 4771.80

EQUIPMENT  
 PUMP TRUCK CEMENTER Tom Nelson  
 # 316 HELPER Wayne Davis  
 BULK TRUCK  
 # 341 DRIVER Don Cooper  
 BULK TRUCK  
 # DRIVER

REMARKS:  
1st Plug - 50 lb at 3760'  
2nd Plug - 50 lb at 1230'  
3rd Plug - 50 lb at 510'  
4th Plug - 20 lb at 60'  
Backhole - 30 lb  
Mound hole - 30 lb

CHARGE TO: Dawson Nelson  
 STREET  
 CITY STATE ZIP

SERVICE  
 DEPTH OF JOB 3760  
 PUMP TRUCK CHARGE 2600.22  
 EXTRA FOOTAGE @  
 MILEAGE Hum 32 @ 2.70 246.40  
 MANIFOLD Hum 32 @ 4.40 140.80  
 TOTAL 2987.62

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME X  
 SIGNATURE X Mike G...

PLUG & FLOAT EQUIPMENT  
 TOTAL  
 SALES TAX (If Any) 488.84  
 TOTAL CHARGES 7759.42  
 DISCOUNT 25% 1939.26  
5819.61 IF PAID IN 30 DAYS